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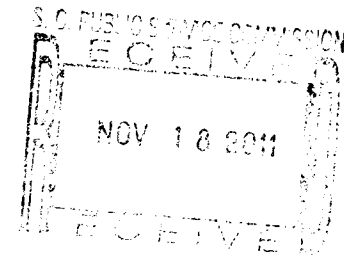
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**CHEM-NUCLEAR SYSTEMS**

740 Osborn Road • Barnwell, South Carolina 29812

November 16, 2011



Ms. Jocelyn Boyd  
Chief Clerk and Administrator  
South Carolina Public Service Commission  
PO Drawer 11649  
Columbia, SC 29211

Dear Ms. Boyd:

Pursuant to Commission Order No. 2011-388, Chem-Nuclear Systems (CNS) is submitting the attached monthly report of variable cost data to the Commission. By copy of this letter we are also submitting this report to the Office of Regulatory Staff (ORS).

The enclosed monthly report of variable cost data covers the month of October 2011. This report is similar in format to information that has been provided to the ORS in support of the ORS audits of CNS' allowable costs. The monthly data will be summarized on an annual basis to develop variable cost rates that can be used as one predictor of variable costs.

Sincerely,

James D. Harris  
Vice President, Barnwell Operations

c: Jay Jashinsky, Office of Regulatory Staff  
Ashley Lancaster, Budget and Control Board  
Deborah Ogilvie, Chem-Nuclear Systems, LLC

## **Variable Costs:**

### **Variable Labor and Non-Labor Costs for October 2011**

Commission Order No. 2011-388 identified the following categories of rates for projecting Variable Labor and Non-Labor costs: vault purchase and inspection (per vault), ABC waste disposal (per shipment), slit trench operations (per slit trench offload), customer assistance (per shipment), and trench records (per container).

The following table illustrates the Variable Labor and Non-Labor costs that would be calculated using the Variable Labor and Non-Labor rates identified in Commission Order No. 2011-388 for Fiscal Year 2010-2011 and the number of units in each category:

	<b>Units</b>	<b>Variable Cost Rate in Order No. 2011-388</b>	<b>Calculated Cost</b>
Vault Purchase and Inspection (per vault)	8	\$78.98	\$631.84
ABC Waste Disposal (per shipment) (total shipments, less slit trench shipments, less irregular project shipments)	8	\$1,892.02	\$15,136.16
Slit Trench Operations (per slit trench offload)	1	\$6,830.62	\$6,830.62
Customer Assistance (per shipment)	8	\$46.25	\$370.00
Trench Records (per container)	8	\$126.54	\$1,012.32
Total Calculated Variable Labor and Non-Labor Costs			\$23,980.94

The actual Variable Labor and Non-Labor costs experienced during the month of October 2011 resulted in a Total Variable Labor and Non-Labor cost of \$25,455.99.

### **Vault Costs for October 2011**

The following table illustrates the vault costs that would be calculated using Variable Cost rates identified in Commission Order No. 2011-388 for Fiscal Year 2010-2011 and the volumes of waste received in each respective category:

	<b>Volume Buried (cubic feet)</b>	<b>Variable Cost Rate in Order No. 2011-388</b>	<b>Calculated Cost</b>
Class A Waste	291.10	\$39.81	\$11,588.69
Class B Waste	240.60	\$41.25	\$9,924.75
Class C Waste	360.90	\$42.13	\$15,204.72
Slit Trench Waste	57.80	\$188.23	\$10,879.69
Irregular Components (in vaults as an irregular cost)	0	n/a	
Irregular Components (not in vaults)	0	n/a	
Total Calculated Vault Cost			\$47,597.85
Total Volume	950.40		

The total cost incurred for disposal vaults procured during October 2011 was \$0.